

DECLARATION AND POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

REFLECTION-TRANSMISSION DOUBLE TYPE LIQUID-CRYSTAL DISPLAY DEVICE

the specification of which is attached hereto unless the following box is checked:

was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information of which is material to the patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

P. No.	Country	Date Filed	Priority Not Claimed
P. Hei. 11-369712 (Number)	Japan (Country)	27/December/1999 (Day/Month/Year Filed)	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>

hereby claim the benefits under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

Application Number	Filing Date
_____	_____

hereby claim the benefits under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Number	Filing Date	Status - patented, pending, abandoned
_____	_____	_____

Application Number	Filing Date	Status - patented, pending, abandoned
_____	_____	_____

hereby appoint John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexic, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Waddell A. Biggart, Reg. No. 24,861; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,156; Scott M. Daniels, Reg. No. 32,562; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce E. Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102; Brett S. Sylvester, Reg. No. 32,765 and Robert M. Masters, Reg. No. 35,603; my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date December 18, 2000 First Inventor Seiji Umemoto
First Name Last Name
Residence Osaka, Signature Seiji Umemoto
Japan Post Office Address c/o Nitto Denko Corporation,
Citizenship Japan 1-2, Shimohozumi 1-chome, Ibaraki-shi,
Japan

Date December 18, 2000 Second Inventor Toshihiko Ariyoshi
First Name Last Name
Residence Osaka, Signature Toshihiko Ariyoshi
Japan Post Office Address c/o Nitto Denko Corporation,
Citizenship Japan 1-2, Shimohozumi 1-chome, Ibaraki-shi,
Osaka, Japan

Date December 18, 200 Third Inventor Hideo First Name Abe
Last Name Abe

Residence Osaka, Signature Hideo Post Office Address c/o Nitto Denko Corporation,
Japan 1-2, Shimohozumi 1-chome, Ibaraki-shi,
Citizenship Japan Osaka, Japan

Date _____ Fourth Inventor _____
First Name _____ Last Name _____

Residence _____ Signature _____
Post Office Address _____

Citizenship _____

Date _____ Fifth Inventor _____
First Name _____ Last Name _____

Residence _____ Signature _____
Post Office Address _____

Citizenship _____

Date _____ Sixth Inventor _____
First Name _____ Last Name _____

Residence _____ Signature _____
Post Office Address _____

Citizenship _____

Date _____ Seventh Inventor _____
First Name _____ Last Name _____

Residence _____ Signature _____
Post Office Address _____

Citizenship _____

Date _____ Eighth Inventor _____
First Name _____ Last Name _____

Residence _____ Signature _____
Post Office Address _____

Citizenship _____

(Supply similar information for ninth and subsequent joint inventors.)